

Amendments to the Claims

The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Currently amended) A method of ~~diagnosing or aiding in the diagnosis of~~ determining the likelihood of bipolar disorder in an individual, comprising determining the nucleotide present at ~~two or more of~~ nucleotide positions 476, 942, and 1635 of the dopamine beta-hydroxylase gene in a nucleic acid sample obtained from an individual, wherein the individual is an offspring of a parent having bipolar disorder,
wherein
 - a) presence of a haplotype consisting of ~~two or more of~~ an A at nucleotide position 476, a G at nucleotide position 942, and ~~or~~ a C at nucleotide position 1635 is indicative of an increased likelihood of bipolar disorder in the individual as compared with an individual who does not have said haplotype having two or more of a G at nucleotide position 476, a T at nucleotide position 942 or a T at nucleotide position 1635 and
 - b) ~~the individual is an individual symptomatic for bipolar disorder and/or at risk for development of bipolar disorder.~~
2. (Original) The method of Claim 1, wherein the dopamine beta-hydroxylase gene has the nucleotide sequence of SEQ ID NO: 1.
- 3-5. (Canceled)
6. (Currently amended) A method of ~~diagnosing or aiding in the diagnosis of~~ determining the likelihood of bipolar disorder in an individual, comprising determining the nucleotide present at ~~two or more of~~ nucleotide positions 476, 942, and 1635 of the dopamine beta-hydroxylase gene in a nucleic acid sample obtained from an individual, wherein the individual is an offspring of a parent having bipolar disorder,
wherein

- a) presence of a haplotype consisting of two or more of a G at nucleotide position 476, a T at nucleotide position 942, ~~and or~~ a T at nucleotide position 1635 is indicative of a decreased likelihood of bipolar disorder in the individual as compared with an individual who does not have said haplotype having two or more of an A at nucleotide position 476, a G at nucleotide position 942 or a C at nucleotide position 1635, and
 - b) ~~the individual is an individual symptomatic for bipolar disorder and/or at risk for development of bipolar disorder.~~
7. (Original) The method according to Claim 6, wherein the dopamine beta-hydroxylase gene has the nucleotide sequence of SEQ ID NO: 1.
- 8-40. (Canceled)